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Knieskern, P. D.

Catalogue of plants found in
the County of Oneida

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CATALOGUE OF PLANTS

FOUND IN THE

COUNTY OF ONEIDA,

COMPILED AND ARRANGED ACCORDING TO

DR. JOHN TORREY'S REPORT

OF 1840.

BY P. D. KNIESKERN, M. D.

1842.

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THE following Catalogue embraces (it is believed) nearly all the flowering plants and ferns, hitherto detected by botanists, within the limits of the county. A few of these have not been found by the compiler ; but the authority cited for such, is of a character that may be relied on.

The county of Oneida produces many rare and interesting plants ; and it was thought proper to embody this catalogue in the Annual Report, for the purpose of furnishing a list of those plants which may be met with by collectors hereafter, with the authority, the time of flowering, annexed to each species, and the precise localities of some of the most rare and otherwise interesting plants that occur within our limits.

CATALOGUE OF PLANTS,

FOUND IN ONEIDA COUNTY.

CLASS I. EXOGENS, OR MONOCOTYLEDONOUS PLANTS.

ORDER RANUNCULACEÆ. *The Crowfoot Tribe.*

- Clematis virginiana*, Linn. *Common Virgin's Bower*. Thickets. August.
Anemone nemorosa, L. *Windflower*. Banks of Fish creek, Vienna. May.
 — *cylindrica*, Gray. Sandy plains, near Oneida lake. June. Rare.
 — *virginiana*, L. Dry hills about Oriskany. July.
 — *pennsylvanica*, L. Banks of streams. June, July.
Hepatica triloba, Chair. *Liver-leaf*, *Liver-wort*. Woods. April.
Ranunculus aquatilis, L. *Crowfoot*. Fish creek, Vienna. July.
 — *reptans*, L. Borders of Oneida lake. July.
 — *abortivus*, L. Shady banks of streams. May.
 — *purshii*, Richardson. *R. multifidus*, Pursh. *R. lacustris*, Beck & Tracy. Brandy brook, Verona. June. Rare.
 — *acris*, L. *Buttercups*. Meadows and pastures. June, September.
 — *repens*, L. Wet shady places. May, July.
 — *pennsylvanicus*, L. Wet places. July.
 — *recurvatus*, Poir. Rich soil, shady places. June.
Caltha palustris, L. *Cowslips*. Swamps. May.
Trollius laxus, Salisbury. *Globe-flower*. Sphagnous swamps, Bridgewater. May. This interesting plant was first discovered in the county by Dr. Gray.
Coptis trifolia, Salisb. *Gold-thread*. Swamps and damp woods. May, June.
Aquilegia canadensis, L. *Columbine*. Sandy plains and rocky banks. June.

- + *Actæa alba*, *Bigelow*. *White Cohosh*. Woods. May.
- + — *rubra*, *Bigelow*. *Red Cohosh*.
- + *Thalictrum dioicum*, *L.* *Meadow Rue*. Shady woods. May.
- + — *cornutum*, *L.* Wet meadows and banks of streams. July.
- + *Cimicifuga racemosa*, *Ell.* *Black Cohosh*. Cultivated. July.

ORDER MAGNOLIACEÆ. *The Magnolia Tribe.*

- + *Liriodendron tulipifera*, *L.* *Whitewood*. Woods. Oriskany. June.

ORDER MENISPERMACEÆ. *The Moonseed Tribe.*

- + *Menispermum canadense*, *L.* Banks of streams and thickets. June, July.

ORDER BERBERIDACEÆ. *The Barberry Tribe.*

- + ♂ *Berberis vulgaris*, *L.* *Barberry Bush*. Hedges and fields. June.
- + *Leontice thalictroides*, *L.* *Blue Cohosh*. Woods. April, May.
- + *Podophyllum peltatum*, *L.* *Mandrake*. Woods and fields. May.

ORDER NYMPHÆACEÆ. *The Water-lily Tribe.*

- + *Nymphæa odorata*, *Ait.* In water. Borders of Oneida lake. I have not met with this plant in any other part of the county. June, September.
- + *Nuphar lutea*, Var. *kalmiana*, *Torr. & Gr.* *N. kalmiana*, *Pur.* *Yellow Pond Lily*. Mouth of Oneida creek. June.
- + — *advena*, *Ait.* *Spatterdock*. In water. June, August.

ORDER SARRACENIACEÆ. *The Sidesaddle Tribe.*

- + *Sarracenia purpurea*, *L.* *Sidesaddle Flower*. Swamps. June.

ORDER PAPAVERACEÆ. *The Poppy Tribe.*

- + *Sanguinaria canadensis*, *L.* *Blood-root*. Open woods. April.
- + *Chelidonium majus*, *L.* *Celandine*. Road sides. June, September.

ORDER FUMARIACEÆ. *The Fumitory Tribe.*

- + *Diclytra cucullaria*, *D. C.* *Dutchman's Breeches*. Rich soil. Woods. May.
- + — *canadensis*, *D. C.* *Squirrel Corn*. Woods, in rich soil. May.
- + *Corydalis aurea*, *Willd.* Rich soil. June. Rare.

ORDER CRUCIFERÆ. *The Cruciferous Tribe.*

- + *Nasturtium palustre*, *D. C.* Wet places. June, August.
- + — *natans*, Var. *americana*, *Gray*. Oneida lake. July. Rare.
- + *Barbarea vulgaris*, *R. Br.* *Winter Cress*. Along streams. June.
- + *Arabis hirsuta*, *Scop.* *Wall Cress*. On rocks, Trenton falls. June. Rare.
- + — *lyrata*, *L.* Wet rocks, Trenton falls. May.
- + — *lævigata*, *D. C.* Rich soil. Banks of Fish creek, Vienna. June.
- + *Cardamine rotundifolia*, *Michx.* Banks of Fish creek, Vienna. June.
- + — *hirsuta*, *L.* Swamps about Oriskany. June.

- ✕ *Dentaria laciniata*, *Muhl.* Rich shady soil. May.
- ✕ — *diphylla*, *Michx.* *Pepper Root.* Rich shady woods. May.
- ✕ § *Sisymbrium officinale*, *Scop.* *Hedge Mustard.* Road sides. June, August.
- ✕ *Erisimum cheiranthoides*, *L.* Along streams and road sides. June, August.
- ✕ § *Sinapis arvensis*, *L.* *Wild Mustard.* July, August.
- ✕ *Lepidium virginicum*, *L.* Road sides near Oriskany falls. July.
- ✕ § *Capsella bursa-pastoris*, *Mærch.* Fields and road sides. June, Sept.

ORDER POLYGALACEÆ. *The Milkwort Tribe.*

- ✕ *Polygala polygama*, *Walt.* Pine plains, Rome. June, July.
- ✕ — *paucifolia*, *Willd.* Pine plains, Rome. June.

ORDER VIOLACEÆ. *The Violet Tribe.*

- ✕ *Viola cucullata*, *Ait.* *Blue Violet.* River flats. Banks of the Mohawk. May.
- ✕ — *rotundifolia*, *Michx.* Shady hill sides near Oriskany. Rather rare.
- ✕ — *muhlenbergii*, *Torrey.* Shady woods. May.
- ✕ — *rostrata*, *Pursh.* Moist shady places. May.
- ✕ — *pubescens*, *Ait.* Dry woods. May.
- ✕ — *canadensis*, *L.* Shady woods. May, August.
- ✕ *Solea concolor*, *Ging.* Near Vernon. May. Dr. Douglas!

ORDER DROSERACEÆ. *The Sundew Tribe.*

- ✕ *Drosera rotundifolia*, *L.* *Sundew.* Sphagnous swamp, Oriskany. July.
- ✕ *Parnassia caroliniana*, *Michx.* On wet rocks, Trenton falls. July.

ORDER CISTACEÆ. *The Rockrose Tribe.*

- ✕ *Helianthemum canadense*, *Michx.* Dry sandy places. Near Oneida lake. June.

ORDER HYPERICACEÆ. *The St. John's Wort Tribe.*

- ✕ *Hypericum pyramidatum*, *Ait.* Banks of Fish creek, near Taberg. July.
- ✕ § — *perforatum*, *L.* *Common St. John's Wort.* Fields and pastures. July.
- ✕ — *corymbosum*, *Muhl.* Borders of woods. July, August.
- ✕ — *mutilum*, *L.* *H. parviflorum*, *Muhl.* Low grounds. July, September.
- ✕ *Elodea virginica*, *Nuttall.* Swamps near Utica. July, August.

ORDER ILLECEBRACEÆ. *The Knotgrass Tribe.*

- ✕ § *Spergula arvensis*, *L.* Fields and waste places. June, September.

ORDER CARYOPHYLLACEÆ. *The Pink Tribe.*

- ✕ *Mollugo verticillata*, *L.* Sandy shore of Oneida lake. June, Sept.
- ✕ § *Arenaria serpyllifolia*, *L.* Sandy fields near Oneida lake. June.
- ✕ — *lateriflora*, *L.* Sandy woods near Oneida lake. June. Rare.

- ✕ § *Stellaria media*, *Smith*. Fields and waste places. April, October.
- ✕ — *longifolia*, *Muhl*. Damp shady places. June.
- ✕ § *Cerastium vulgatum*, *L*. *Mouse-ear*, *Chickweed*. Road sides. May, September.
- ✕ *Silene stellata*, *L*. Dry woods near Oriskany. August. Very rare.
- ✕ — *antirrhina*, *L*. Dry sandy fields, near Oneida lake. June.
- § — *nocturna*, *L*. Old fields, and among spring grain. July, Aug.
- ✕ § *Lychnis githago*, *Lam*. *Cockle*. In wheat and rye fields. June.

ORDER PORTULACACEÆ. *The Purslane Tribe.*

- ✕ § *Portulaca oleracea*, *L*. *Purslane*. Waste places. July, August.
- ✕ *Claytonia virginica*, *L*. Open woods in rich soil. April, May.

ORDER LINACEÆ. *The Flax Tribe.*

- ✕ § *Linum usitatissimum*, *L*. *Common Flax*. Cultivated. Hardly naturalized.

ORDER GERANIACEÆ. *The Geranium Tribe.*

- ✕ *Geranium maculatum*, *L*. Open woods near Oneida lake. June.
- ✕ — *carolinianum*, *L*. *Crane's-bill*. About Oriskany. June. Rare.
- ✕ — *robertianum*, *L*. *Herb Robert*. Shady rocks. Trenton falls. June, September.
- ✕ § *Erodium cicutarium*, *L'Heritier*. Naturalized about the Dexter factory. June.

ORDER BALSAMINACEÆ. *The Balsam Tribe.*

- ✕ *Impatiens pallida*, *Nutt*. Moist shady places. July, September. Very common.
- ✕ — *fulva*, *Nutt*. With the preceding. July, September.

ORDER LIMNANTHACEÆ.

- ✕ *Floerkea proserpinacoides*, *Willd*. Damp shady places near Oriskany. May.

ORDER OXALIDACEÆ. *The Wood Sorrel Tribe.*

- ✕ *Oxalis acetosella*, *L*. *Wood Sorrel*. Shady woods. June.
- ✕ — *stricta*, *L*. Borders of fields. June, September.

ORDER ZANTHOXYLACEÆ.

- ✕ *Zanthoxylum americanum*, *Mill*. *Prickly Ash*. Wood creek, Verona. May.

ORDER ANACARDIACEÆ. *The Cashew Tribe.*

- ✕ *Rhus typhina*, *L*. *Stag's-horn Sumac*. Borders of woods. June.
- ✕ — *copallina*, *L*. *Mountain Sumac*. Pine plains, and near Oneida lake. July.
- ✕ — *venenata*, *D. C*. *Poison Sumac*. Oriskany swamp. June. Very poisonous.
- ✕ — *toxicondendron*, *L*. *Poison Ivy*. Borders of woods, and along fences. June.

ORDER MALVACEÆ. *The Mallows Tribe.*

- ✕ ♀ *Malva rotundifolia*, L. Road sides and waste places. June, Aug.
- ✕ ♀ *Abutilon avicennæ*, Gært. Road sides. August, September.

ORDER TILIACEÆ. *The Linden Tribe.*

- ✕ *Tilia americana*, L. Basswood. Woods. *June.

ORDER VITACEÆ. *The Vine Tribe.*

- ✕ *Vitis labrusca*, L. Fox Grape. Woods and thickets. June.
- ✕ — *riparia*, Michx. Winter Grape. Thickets. Banks of the Mohawk. June.
- ✕ *Ampelopsis quinquefolia*, Michx. Virginian Creeper. Borders of woods. July.

ORDER ACERACEÆ. *The Maple Tribe.*

- ✕ *Acer pennsylvanicum*, L. Striped Maple. Woods on hill sides. May.
- ✕ — *spicatum*, Lam. Mountain Maple. Steep hill sides. June.
- ✕ — *saccharinum*, Wangenberg. Sugar Maple. Woods. May.
- ✕ — *rubrum*, L. Swamps and borders of streams. April.

ORDER CELASTRACEÆ.

- ✕ *Staphylea trifolia*, L. Bladder-nut. Banks of the Mohawk. May.
- ✕ *Celastrus scandens*, L. Bittersweet. Banks of the Mohawk and tributaries. June.

ORDER RHAMNACEÆ. *The Buckthorn Tribe.*

- ✕ *Rhamnus alnifolius*, L'Her. Oriskany swamp. May, June.

ORDER LEGUMINOSÆ. *The Bean Tribe.*

- ✕ ♀ *Vicia sativa*, L. Tare. Fields. July.
- ✕ *Lathyrus maritimus*, Bigelow. Sandy shore of Oneida lake. June, July.
- ✕ — *myrtifolius*, Muhl. Borders of Oneida lake. July, August.
- ✕ — *palustris*, L. Banks of Fish creek. July, August.
- ✕ *Apios tuberosa*, Mærch. Oriskany swamp. August.
- ✕ *Amphicarpæa monoica*, Torrey & Gray. Woods and thickets. Aug.
- ✕ *Robinia pseudo-acacia*, L. Cultivated about houses. June.
- ✕ ♀ *Trifolium arvense*, L. Rabbit-foot. Dry gravelly borders of Oneida lake. June, August. Rare.
- ✕ ♀ — *pratense*, L. Red Clover. Meadows and pastures. June, September.
- ✕ — *repens*, L. White Clover. Pastures. April, November.
- ✕ ♀ *Medicago lupulina*, L. Old fields near Fort Bull. July.
- Desmodium acuminatum*, D. C. Pine plains, Rome. August. Rare.
- ✕ — *canadense*, D. C. Woods near Oriskany. August.
- ✕ — *ciliare*, D. C. Pine plains, Rome. July, August.
- ✕ — *rotundifolium*, D. C. Pine plains, Rome. August. Rare.
- ✕ *Lespedeza violacea*, Persoon, Torrey & Gray. Pine plains near Oneida lake. August.
- ✕ *Lupinus perennis*, L. Wild Lupine. Pine plains, Rome and Oneida lake. June.

ORDER ROSACEÆ. *The Rose Tribe.*

- + *Prunus americana*, Marshall. *Wild Plum*. Banks of streams. April.
- + *Cerasus pennsylvanica*, Loisel. Woods. May.
- + — *virginica*, L. *Choke Cherry*. Banks of the Mohawk. May.
- + — *serotina*, Loisel. *Black Cherry*, *Cabinet Cherry*. Woods. June.
- + *Spiræa salicifolia*, L. *Steeple-bush*, *Seven-bark*. Oriskany swamp. July.
- + *Sanguisorba canadensis*, L. Cedar swamp, Oriskany. August.
- + *Agrimonia eupatoria*, L. Dry fields and borders of woods. July.
- + *Potentilla argentea*, L. *Silvery Cinquefoil*. Sandy barren fields, Oneida lake. July.
- + — *canadensis*, L. Pine plains, Rome, and sandy field near Oneida lake. June.
- + § — *norvegica*, L. Old fields, etc. June, August.
- + — *palustris*, Scop. Cranberry swamp near Oneida lake. June.
- + *Geum canadense*, Murr. Fields. July.
- + — *virginianum*, L. Woods and fields. June, July.
- + — *rivale*, L. *Water Avens*. Oriskany swamp. May, June.
- + *Comaropsis fragarioides*, D. C. Open woods near Oriskany. May, June.
- + *Delibarda repens*, L. Oriskany swamp, and shady woods. July, Aug.
- + *Fragaria virginiana*, Mill. *Wild Strawberry*. Old fields. May, June.
- + — *canadensis*, Michx. Dry rocky hills. May, June.
- + *Rubus odoratus*, L. *Flowering Raspberry*. Banks of streams, in shady places. July.
- + — *strigosus*, Michx. *Red Raspberry*. Hill sides. May.
- + — *occidentalis*, L. *Black Raspberry*. Borders of woods and thickets, May.
- + — *villosus*, Ait. *Blackberry*. Old fields. May, June.
- + — *cuneifolius*, Pursh. Sandy plains near Oneida lake. June.
- + — *triflorus*, Richardson. Swamps and low shady places. June.
- + § *Rosa rubiginosa*, L. *Sweet Brier*. Road sides. June.
- + — *carolina*, L.? *Swamp Rose*. Borders of swamps. June, July.
- + *Cratægus crus-galli*, L. *Cockspur Thorn*. Hedges near Oriskany. June.
- + — *punctata*, Ait. Banks of streams. May, June.
- + *Amelanchier canadensis*, Torr. & Gr. *Shad-flower*. May. With several varieties.
- + *Pyrus coronaria*, L. *Sweet-scented Crab-apple*. Woods. May. Rather rare.
- + — *acuparia*, Gært. *Mountain Ash*. Low, deep and shady woods near Oneida lake. Swamps about Pine plains, Rome. May.
- + — *arbutifolia*, L. f. *Chokeberry*. Sandy plains near Oneida lake. June.

ORDER LYTHRACEÆ. *The Loosestrife Tribe.*

- + *Decodon verticillatum*, Ell. Cranberry marsh near Oneida lake. Aug.

ORDER ONAGRACEÆ. *The Evening Primrose Tribe.*

- ✓ *Epilobium angustifolium*, L. Waste grounds recently burned over. July.
 — *coloratum*, Muhl. Wet places. July, August.
 — *molle*? Torrey. Sphagnous swamps near Oriskany. Aug.
 ✓ *Oenothera biennis*, L. *Evening Primrose*. Fields and waste places. July.
 ✕ *Circæa lutetiana*. *Enchanter's Nightshade*.
 Var. 1, *canadense*, L. } Damp shady woods. July,
 Var. 2, *alpina*, L. } August.

SUB-ORDER HALORAGEÆ.

- ✕ *Proserpinaca palustris*, L. *Mermaid Weed*. Ditches in a beaver meadow near Vernon village. Dr. Douglas! July.
 — *pectinata*, Lamarck. With the preceding. Dr. Douglas. July.
 ✓ *Myriophyllum verticillatum*, L. Ponds. July, August.

ORDER CALLITRICHACEÆ. *The Water Chickweed Tribe.*

- ✕ *Callitriche verna*, L. *Water Chickweed*. In water. May, Sept.

ORDER CUCURBITACEÆ. *The Gourd Tribe.*

- ✕ *Hexameria echinata*, Torrey & Gray. Moist alluvial soil. Banks of the Mohawk and other streams. August.

ORDER GROSSULARIACEÆ. *The Currant Tribe.*

- ✕ *Ribes floridum*, L'Herit. *Wild Black Currant*. Low wet grounds. May.
 — *rotundifolium*, Michx. *Wild Gooseberry*. Hill sides and woods. May.

ORDER CRASSULACEÆ. *The Houseleek Tribe.*

- ✕ *Penthorum sedoides*, L. Ditches on road sides. July, August.

ORDER SAXIFRAGACEÆ. *The Saxifrage Tribe.*

- ✕ *Saxifraga virginensis*, Michx. Wet rocks, Trenton falls. May, June.
 ✓ — *pennsylvanica*, L. Swamps about Utica, Oriskany. June.
 ✕ *Chrysosplenium americanum*, Schweinitz. *Golden Saxifrage*. Wet. May.
 ✕ *Mitella diphylla*, L. Shady woods. May.
 — *nuda*, L. *M. cordifolia*, Lamarck. Cedar swamps. June.
 ✕ *Tiarella cordifolia*, L. *Mitre-wort*. Damp shady woods. June.

ORDER HAMAMELACEÆ. *The Witch Hazle Tribe.*

- ✕ *Hamamelis virginiana*, L. Woods. October, December.

ORDER UMBELLIFERÆ. *The Umbelliferous Tribe.*

- ✕ *Hydrocotyle americana*, L. Moist shady places. July.

- Sanicula marilandica, *L.* Woods and thickets. June, July.
- Cicuta maculata, *L.* *Water Hemlock*. Wet places. July, August.
- bulbifera, *L.* Swamps and borders of marshes. August.
- Zizia aurea, *Koch.* Open woods and damp meadows, Oriskany. June.
- integerrima, *D. C.* Dry gravelly borders of Oneida lake. June.
- Sium latifolium, *L.* Swamps. July.
- Conioselinum canadense, *Torrey & Gray.* Oriskany swamp. A very rare plant.
- Angelica atropurpurea, *L.* Banks of streams near Oriskany. July.
- § Pastinaca sativa, *L.* *Parsnip*. Old fields and banks of streams. July.
- Heracleum lanatum, *L.* Rich alluvial soil. June.
- Osmarhiza longistylis, *D. C.* Woods in rich soil. May.
- brevistylis, *D. C.* Banks of Oriskany creek. May.
- § Conium maculatum, *L.* *Poison Hemlock*. Road sides near Utica. June.

ORDER ARALIACEÆ. *The Aralia Tribe.*

- Aralia nudicaulis, *L.* *Wild Sarsaparilla*. Woods, rich soils. June.
- racemosa, *L.* *Spikenard*. Woods in rich soils. July.
- hispida, *L.* *Dwarf Elder*. Dry gravelly soil. July.
- Panax quinquefolium, *L.* *Ginseng*. Rich soil in woods. July.
- trifolium, *L.* *Ground-nut*. Open woods. April, May.

ORDER CORNACEÆ. *The Dogwood Tribe.*

- Cornus canadensis, *L.* Woods and swamps. May, June.
- circinata, *L'Herit.* Banks of streams. June.
- stolonifera, *Michx.* Banks of Oneida creek near Oneida lake. June.
- paniculata, *L'Herit.* Banks of streams. June.

ORDER CAPRIFOLIACEÆ. *The Honeysuckle Tribe.*

- Sambucus canadensis, *L.* *Sweet Elder*. Low rich soil. June, July.
- pubens, *Michx.* *Red-berried Elder*. Rocky woods. May.
- Viburnum lentago, *L.* Banks of streams. May.
- nudum, *L.* Borders of swamps. June.
- dentatum, *L.* Moist rich soils near Utica. June.
- lantanoides, *Michx.* *Hobble-bush*. Hilly woods. June.
- acerifolium, *L.* Shady woods, hill sides. June.
- oxycoccus, *Pursh.* *High Cranberry*. Borders of swamps, and banks of the Mohawk near Oriskany. June.
- Triosteum perfoliatum, *L.* *Horse Gentian*. Rich soil. May, June.
- Diervilla tournefortii, *Michx.* Rocky woods. June, July.
- Lonicera hirsuta, *Eaton.* Open rocky woods. June.
- parviflora, *Lam.* Swamps about Oriskany. June.
- ciliata, *Muhl.* Swamps and shady hill sides. May, June.
- cærulea, *L.* Near Vernon. Dr. Douglas! May.
- Linnæa borealis, *L.* *Twin-flower*. Oriskany swamp and Deerfield hills. June.

ORDER RUBIACEÆ. *The Madder Tribe.*

- *Mitchella repens*, L. *Partridge-berry*. Woods. June.
- *Cephalanthus occidentalis*, L. Borders of sluggish streams and ponds, Oneida lake. July.
- *Galium aparine*, L. Shady places. May.
- — *triflorum*, Michx. Wet places near small streams. July.
- — *pilosum*, Ait. Dry sandy plains near Oneida lake. June.
- — *boreale*, L. Banks of Oneida creek. July. Rather rare.

ORDER VALERIANACEÆ. *The Valerian Tribe.*

- *Fedia radiata*, Michx. *Lamb Lettuce*. Mohawk flats near Utica. May. Rare.

ORDER DIPSACEÆ. *The Scabious Tribe.*

- § *Dipsacus sylvestris*, L. *Wild Teazle*. Paris hill and other places. July.

ORDER COMPOSITÆ. *The Composite Tribe.*

- *Eupatorium perfoliatum*, L. *Boneset*. Low grounds. August.
- — *purpureum*, L. Low grounds. August.
- — *ageratoides*, L. f. Woods and waste grounds. August, September.
- *Mikania scandens*, Willd. Low grounds and banks of streams near Oneida lake. August.
- *Tussilago farfara*, L. Banks of streams about Oriskany. April, May.
- *Aster novæ-angliæ*, Ait. Low rich soil. September. With a number of species not satisfactorily determined.
- *Erigeron purpureum*, Ait. Banks of streams. June.
- — *canadense*, L. Fields, etc. August, September.
- *Solidago canadensis*, L. Borders of fields, and along fences. August.
- — *bicolor*, L. Rocky hill sides. August, September.
- — *flexicaulis*, L. Rocky woods. September. With about a dozen species not determined.
- § *Inula helenium*, L. *Elecampane*. Road sides and waste places. July.
- *Polymnia canadensis*, L. About Vernon. Dr. Douglas! July.
- § *Xanthium strumarium*, L. Waste places. August, September.
- § — *spinosa*, L. Waste places, near the Dexter factory. September.
- *Ambrosia elatior*, L. *Ragweed*. Road sides. August.
- — *trifida*, L. Banks of the Mohawk. August.
- *Heliopsis lævis*, Persoon. Banks of streams. August.
- *Rudbeckia laciniata*, L. Banks of streams and borders of fields. July.
- *Helianthus trachelifolius*, Willd. Low grounds. August.
- *Bidens connata*, L. Swamps and low grounds. September.
- — *cernua*, Willd. Swamps. August, September.
- — *chrysanthemoides*, Michx. Low grounds. August, Septem.
- — *beckii*, Torrey. Southern part of the county. Dr. J. B. Crawe!
- *Helenium autumnale*, L. Swamps and wet places. August, Septem.

- ✓ § *Maruta cotula*, *Cass.* *Mayweed*. Road sides and fields. June, September.
- ✓ § *Achillea millefolium*, *L.* *Yarrow*. Fields and pastures. June, August.
- ✓ § *Leucanthemum vulgare*, *Lam.* *Ox-eye Daisy*. Pastures, etc. June, August.
- ✓ § *Artemisia absinthium*, *L.*? *Wormwood*. Naturalized in the northern part of the county. Along road sides. June, August.
- ✓ § — *vulgaris*, *L.* *Mugwort*. Road sides. Verona. Rare.
- ✓ § *Tanacetum vulgare*, *L.* *Tansey*. Road sides and waste places. July, August.
- ✓ *Gnaphalium decurrens*, *Ives.* Fields and borders of woods. August.
- ✓ — *polycephalum*, *Michx.* Pine plains, Rome. August, September.
- ✓ — *uliginosum*, *L.* Ditches and road sides. July, August.
- ✓ *Antennaria plantaginifolia*, *R. Brown.* Dry woods and hills. April, May.
- ✓ — *margaritacea*, *R. Br.* Dry pastures and road sides. Aug.
- ✓ *Erechtites hieracifolia*, *Rafinesque.* *Fireweed*. New grounds recently burnt over. Very common. August.
- ✓ *Senecio aureus*, *L.* Meadows, and along small streams. May, June.
- ✓ § *Cnicus benedictus*, *L.* *Blessed Thistle*. About houses. June.
- ✓ *Cirsium lanceolatum*, *Scop.* *Common Thistle*. Fields, etc. June, September.
- *altissimum*, *Sprengel.* Borders of fields. August.
- ✓ § — *arvense*, *Scop.* *Canada Thistle*. Fields. July, September. Too common.
- ✓ § *Lappa major*, *Gært.* *Burdock*. Neglected fields. July, Septem.
- ✓ § *Cichorium intybus*, *L.* Fields, Verona. Not common. July.
- ✓ *Krigia virginica*, *Willd.* Dry sandy waste fields near Oneida lake.
- ✓ *Lactuca elongata*, *Muhl.* Borders of woods. July.
- ✓ § *Taraxacum dens-leonis*, *Desf.* Pastures, etc. April, November.
- ✓ § *Sonchus palustris*, *L.*? Oriskany swamp. July.
- ✓ *Hieracium venosum*, *L.* Pine plains, Rome. June.
- *gronovii*, *L.* Pine plains near Oneida lake.
- — *Var. marianum*. Pine plains, Rome. August.
- ✓ — *paniculatum*, *L.* Dry hills. August.
- ✓ *Nabalus albus*, *Hooker.* Oriskany swamp. August, September.

ORDER LOBELIACEÆ. *The Lobelia Tribe.*

- ✓ *Lobelia kalmii*, *L.* Wet rocks, Trenton falls. July, August.
- ✓ — *siphilitica*, *L.* Wet meadows and borders of woods. August.
- ✓ — *cardinalis*, *L.* *Cardinal-flower*. Wet places. August.
- ✓ — *inflata*, *L.* Fields and road sides. August.

ORDER CAMPANULACEÆ. *The Bell-flower Tribe.*

- ✓ *Campanula rotundifolia*, *L.* Wet rocks, Trenton falls. July.
- *amplexicaulis*, *Michx.* Sandy fields near Oneida lake. July.
- ✓ — *aparinoides*, *Pursh.* Wet thickets and swamps, Oriskany. July.

ORDER ERICACEÆ. *The Heath Tribe.*

- Andromeda polifolia, *L.* Deep sphagnous swamps on the pine plains, Rome. June.
- calyculata, *L.* With the preceding. May.
- Arbutus uva-ursi, *L.* Dry sandy hills, pine plains, Rome. May.
- Gaultheria procumbens, *L.* Wintergreen Berry. Woods and swamps. June.
- Rhododendron maximum, *L.* Oriskany swamp. July.
- nudiflorum, *Torrey.* Oriskany swamp. May.
- viscosum, *Torrey.* Swamps near Boonville. June.
- Kalmia latifolia, *L.* Cedar swamp near Oriskany. June.
- angustifolia, *L.* Sandy plains, Rome. Swamps, Oriskany.
- glauca, *L.* Sphagnous swamp, Oriskany. May.
- Epigæa repens, *L.* Trailing Arbutus. Sandy plains, Rome. April.

SUB-ORDER VACCINÆÆ. *The Whortleberry Tribe.*

- Vaccinium resinolum, *Ait.* Swamps and dry hills. May.
- corymbosum, *L.* High Huckleberry. Swamps. May.
And several other species not satisfactorily determined.
- Oxycoccus macrocarpus, *Pursh.* Common Cranberry. Swamps, Oneida lake. June.
- vulgaris, *Persoon.* Sphagnous swamps near Oriskany. June.
- Lasierpa hispida, *Torrey.* Oriskany swamp. April, May.

SUB-ORDER PYROLÆÆ.

- Pyrola rotundifolia, *L.* Woods. June.
- chlorantha, *Schwartz.* Pine plains, Rome. June.
- elliptica, *Nuttall.* Dry woods. July.
- secunda, *L.* Rock hill sides. June, July.
- uliginosa, *Torrey & Gray.* Oriskany swamp. June, July.
- Chimaphila umbellata, *Nuttall.* Prince's Pine. Dry woods. June.
- maculata, *Pursh.* Spotted Wintergreen. Woods near Utica and Verona. June.

SUB-ORDER MONOTROPEÆ.

- Monotropa uniflora, *L.* Indian Pipe. Woods. June, July.
- Hypopithys lanuginosa, *Nuttall.* Moist woods near Oneida lake. July.
- Pterospora andromedea, *Nuttall.* Albany Beech-drop. The locality of this highly interesting plant was discovered in July, 1840, near the Dexter factory, by my esteemed young friend, Mr. GEORGE VASEY, an industrious student of natural history, and well acquainted with the botany of this region.

ORDER AQUIFOLIACEÆ. *The Holly Tribe.*

- Nemopanthes canadensis*, Raf. Oriskany swamp. May, June.
Prinos verticillatus, L. Swamps about Oriskany and Oneida lake.
 July.

ORDER OLEACEÆ. *The Olive Tribe.*

- Fraxinus sambucifolia*, Willd. Black Ash. Swamps. April, May.
 — *acuminata*, Lam. White Ash. Woods. May.

ORDER APOCYNACEÆ. *The Dog-bane Tribe.*

- Apocynum androsæmifolium*, L. Pine plains and borders of fields.
 June.
 — *cannabinum*, L. Banks of the Mohawk and Fish creek.
 July.

ORDER ASCLEPIADACEÆ. *The Milkweed Tribe.*

- Asclepias syriaca*, L. Common Milkweed. Fields and road sides.
 July.
 — *phytolaccoides*, L. Pine plains, Rome, and near Oneida lake. July.
 — *incarnata*, L. Borders of sluggish streams and ponds. Aug.
 — *tuberosa*, L. *Pleurisy-root*. Sandy plains, and borders of Oneida lake. July, August.

ORDER GENTIANACEÆ. *The Gentian Tribe.*

- Gentiana saponaria*, L. Borders of Wood creek. August, Septem.
 — *quinqueflora*, Lam. Borders of a beaver meadow, Vernon.
 Dr. Douglas!
 — *crinita*, Fræel. With the preceding. Dr. Douglas! August, September.
Centaurella autumnalis, Pursh. Borders of cedar swamps. August.
Menyanthes trifoliata, L. Buckbean. Oriskany swamp. June.
Limnanthemum lacunosum, Griesb. In Oneida lake. August. Rare.

ORDER POLEMONIACEÆ. *The Greek Valerian Tribe.*

- Phlox divaricata*, L. Dry open woods and copses on Mohawk flats.
 May.

ORDER CONVULVULACEÆ. *The Bindweed Tribe.*

- Convolvulus sepium*, L. Banks of the Mohawk. July.
 — *spithamæus*, L. Sandy plains, Rome. June.

ORDER BORAGINACEÆ. *The Borage Tribe.*

- § *Lithospermum arvense*, L. Cultivated grounds. May.
Cuscuta americana, L. Low grounds. August.
Onosmodium hispidum, Michx. Dry hills, Vernon. July.
 § *Symphytum officinale*, L. Low cultivated grounds. June.
Myosotis palustris, Roth. Ditches and low grounds. May, July.
 — *arvensis*, Sibth. Waste places, and along fences. June.
 * § *Echinosperrum lappula*, Lehm. Dry gravelly banks, Oneida Castle.
 July.

- § *Cynoglossum officinale*, L. Road sides and waste places. May, June.
- *virginicum*, L. Near Vernon. Dr. Douglas! May, June.
- § *Pulmonaria virginica*, L. Alluvial soil on banks of Oneida and Fish creeks. May.

ORDER HYDROPHYLLACEÆ.

- Hydrophyllum virginicum*, L. Borders of woods, and moist shady places. June.
- *canadense*, L. Shady woods and thickets. June.

ORDER LABIATÆ. *The Mint Tribe.*

- Lycopus sinuatus*, Ell., *Benth.* Overflowed places. August.
- *virginicus*, L. *Bugle-weed*. Low wet places. July, Aug.
- § *Mentha viridis*, L. *Spearmint*. Moist grounds. July, August.
- § — *piperita*, L. *Peppermint*. Moist grounds. August.
- *canadensis*, L. *Northern Mint*. Low grounds and wet pastures. August.
- § *Monarda didyma*, L. *Oswego Tea*. Borders of streams. August.
- Pycnanthemum incanum*, Michx. Rocky waste places. July, Aug.
- § *Collinsonia canadensis*, L. *Knot-root*. Damp shady places. July.
- Hedeoma pulegioides*, Persoon. *Pennyroyal*. Dry hills, Lee. Rare in the county.
- § *Melissa clinopodium*, Benth. *Wild Basil*. Rocky waste places. July, August.
- § *Prunella vulgaris*, L. *Heal-all*. Old pastures and open woods. July, August.
- Scutellaria galericulata*, L. Borders of swamps, Oriskany. August.
- *lateriflora*, L. *Mad-dog Scullecap*. Low moist grounds. August.
- Lopanthos nepetoides*, Benth. Thickets, and along fences. July.
- § *Nepeta cataria*, L. *Catnip*. Road sides and waste places. July, August.
- § — *glechoma*, Benth. *Ground Ivy*. June.
- § *Leonurus cardiaca*, L. *Motherwort*. Waste places. June.
- Stachys aspera*, Michx. Banks of streams, Fish creek. July.
- § *Galeopsis tetrahit*, L. *Flowering Nettle*. Road sides, etc. July, August.
- Teucrium canadense*, L. Low grounds, banks of Fish creek. July.

ORDER SOLANACEÆ. *The Nightshade Tribe.*

- § *Solanum dulcamara*, L. *Bittersweet*. Road sides, etc. July, Aug.
- § — *nigrum*, L. Old fields and waste places. July, August.
- § *Datura stramonium*, L. Waste grounds and road sides. July, Sept.
- — Var. *tatula*, L. With the preceding. July.
- § *Hyoscyamus niger*, L. Mohawk bridge, Utica, near railroad depot. June.

ORDER SCROPHULARIACEÆ. *The Figwort Tribe.*

- § *Verbascum thapsus*, *L.* *Common Mullein.* Road sides and old fields. June.
- *blattaria*, *L.* Road sides, Utica, Vernon. June, July.
- § — *lychnitis*, *L.* Old fields near Oneida lake. June, July.
- — *Var. hybrida.* Intermediate between the last species and *V. thapsus*. (Two forms occur here; one resembling the former species, the other the latter, more strikingly in their specific characters.)
- § *Veronica serpyllifolia*, *L.* Pastures. May, August.
- *scutellata*, *L.* Wet meadows and swamps. May, June.
- *beccabunga*, *L.* Ditches on road sides. June.
- § — *arvensis*, *L.* Dry hills and fields. May.
- *virginica*, *L.* Copses and thickets about Oriskany. Rare.
- Scrophularia marilandica*, *L.* Fences and road sides. July, August.
- § *Linaria vulgaris*, *Ait.* Road sides and old fields. June, October.
- Mimulus ringens*, *L.* *Monkey-flower.* Ditches and wet places. Aug.
- Gratiola virginica*, *L.* Overflowed places, near streams. July, Aug.
- Lindernia attenuata*, *Muhl.* Near Oneida lake. July. Rare.
- Chelone glabra*, *L.* Margin of swamps. August, September.
- Collinsia verna*, *Nutt.* Borders of a small pond near Utica. May.
- Rare.
- Gerardia flava*, *L.* Borders of Oneida lake, on sandy plains. July.
- Pedicularis canadensis*, *L.* Borders of woods. June.
- Melampyrum americanum*, *Michx.* Pine plains, Rome. June, July.

ORDER OROBANCHACEÆ. *The Broom-rape Tribe.*

- Orobanche uniflora*, *L.* Pine plains and open woods, Rome. May, June.
- Epiphegus americanus*, *Nuttall.* *Beech-drops.* Under beech trees. September.

ORDER VERBENACEÆ. *The Vervain Tribe.*

- Verbena hastata*, *L.* Low grounds and road sides. July, August.
- *urticifolia*, *L.* Road sides and waste places. August.
- Phryma leptostachya*, *L.* *Lopseed.* Borders of woods and thickets. July.

ORDER ACANTHACEÆ. *The Justicia Tribe.*

- Justicia americana*, *Vahl.* Shallow water, Oneida lake. July, Aug.

ORDER LENTIBULACEÆ. *The Bladderwort Tribe.*

- Utricularia vulgaris*, *L.* Ponds near Oneida lake. June, August.
- *cornuta*, *Michx.* Swamps on pine plains, Rome. August.

ORDER PRIMULACEÆ. *The Primrose Tribe.*

- Trientalis americana*, *Pursh.* Swamps and damp woods. May, June.
- Lysimachia stricta*, *Ait.* Mohawk flats, in low places. July.

Lysimachia quadrifolia, L. Pine plains, Rome, and near Oneida lake. June.

— *ciliata*, L. Borders of streams and thickets. June, July.

— *thyrsifolia*, L. Oriskany swamp. June.

Samolus valerandi, L. Wet grounds. July, September.

ORDER PLANTAGINEÆ. *The Plantain Tribe.*

§ *Plantago major*, L. *Common Plantain*. Fields and road sides. July, September.

§ — *lanceolata*, L. Fields and meadows. May, August.

ORDER AMARANTHACEÆ. *The Amaranth Tribe.*

§ *Amaranthus albus*, L. About houses. August.

ORDER CHENOPODIACEÆ. *The Goosefoot Tribe.*

§ *Chenopodium album*, L. Road sides. August, September.

§ — *botrys*, L. Banks of Fish creek, Vienna. July.

§ — *hybridum*, L. Fields and waste grounds. August.

Blitum capitatum, L. *Strawberry Blite*. New grounds. June.

ORDER PHYTOLACCACEÆ. *The Pokeweed Tribe.*

Phytolacca decandra, L. Borders of fields, new grounds. June, Sept.

ORDER POLYGONACEÆ. *The Buckwheat Tribe.*

§ *Polygonum aviculare*, L. About houses. June, September.

§ — *erectum*, L. About houses and road sides. August.

§ — *mite*, *Persoon*. Wet places. August.

§ — *persicaria*, L. *Lady's-thumb*. Barn-yards, etc. July, September.

— *amphibium*, L. Borders of Oneida lake. July, August.

— *pennsylvanicum*, L. Wet thickets. July, August.

§ — *orientale*, L. About houses. July, September.

— *sagittatum*, L. Wet thickets. August.

— *arifolium*, L. Wet thickets. August.

— *scandens*, L. Shady thickets. August.

§ — *convolvulus*, L. Cultivated fields. July.

§ — *fagopyrum*, L. *Buckwheat*. Fields. June, September.

— *articulatum*, L. Sandy borders of Oneida lake. July.

§ *Rumex crispus*, L. *Dock*. Fields. June, July.

§ — *obtusifolius*, L. About houses and fields. June, July.

— *verticillatus*, L. Swamps. June, July.

§ — *acetosella*, L. *Sheep Sorrel*. Fields in poor soil. May, July.

ORDER LAURACEÆ. *The Cinnamon Tribe.*

• *Laurus benzoin*, L. *Fever-bush*. Swamps. April.

✓ — *sassafras*, L. *Sassafras*. Pine plains, Rome. April.

ORDER THYMELACEÆ. *The Mezereum Tribe.*

• *Dirca palustris*, L. *Leather-wood*. Damp woods. April, May.

ORDER SANTALACEÆ. *The Sanders-wood Tribe.*

- 1 Nyssa multiflora, *Walter*. *Black Gum*. Near Oneida lake. June.

ORDER ARISTOLOCHIACEÆ. *The Birthwort Tribe.*

- 1 Asarum canadense, *L.* *Coltsfoot*. Shady hilly woods. May.

ORDER EUPHORBIACEÆ. *The Euphorbium Tribe.*

- Acalypha virginica, *L.* Road sides. June, August.
Euphorbia hypericifolia, *L.* Gravelly road sides. June, August.
— obtusata, *Pursh*. Low rich soil. July, August.

ORDER URTICACEÆ. *The Nettle Tribe.*

- Urtica pumila, *L.* *Nettle*. Damp waste places. July, August.
§ — dioica, *L.* *Stinging Nettle*. Road sides, etc. July.
— canadensis, *L.* Shady places in rich damp soil. July, August.
Boehmeria cylindrica, *Willd.* Moist thickets. July, August.
§ Cannabis sativa, *L.* *Hemp*. About plantations. June, July.
§ Humulus lupulus, *L.* Banks of the Mohawk. August.
1 § Morus alba, *L.* *White Mulberry*. Woods, and about houses. May.

ORDER SAURURACEÆ. *The Lizard-tail Tribe.*

- 1 Saururus cernuus, *L.* Swamps and borders of Oneida lake. July.

ORDER AMENTACEÆ.

SUB-ORDER CUPULIFERÆ. *The Nut Tribe.*

- Carpinus americana, *Michx.* Banks of the Mohawk. April.
Ostrya virginica, *Willd.* *Iron-wood*. Hilly woods. April, May.
Corylus americana, *Walter*. Thickets along banks of the Mohawk.
April.
Quercus rubra, *L.* *Red Oak*. Dry hilly woods. May.
— ilicifolia, *Willd.* *Scrub Oak*. Pine plains, Rome. May.
— alba, *L.* *White Oak*. Woods in stony soil. May.
— bicolor, *Willd.* *Swamp White Oak*. Borders of swamps.
May. Several other species not satisfactorily ascertained.

SUB-ORDER BETULEÆ. *The Birch Tribe.*

- Betula populifolia, *Ait.* *White Birch*. Sandy plains, Rome. May.
— excelsa, *Ait.* *Yellow Birch*. Woods and borders of swamps.
1 Alnus serrulata, *Willd.* *Alder*. Swamps and borders of streams.
March.

SUB-ORDER SALICINEÆ. *The Willow Tribe.*

- Salix muhlenbergiana, *Willd.* Oriskany swamp. May.
— nigra, *Marsh.* Banks of streams. May, June.
§ — vitellina, *L.* Along streams, and about houses. May. And
about a dozen other species not made out.
Populus balsamifera, *Michx.* About Oriskany. April.
— tremuloides, *Michx.* *Aspen*. Dry woods. April.

Populus nigra, Michx. *Black Poplar*. Oriskany, and near Oneida lake. April.

SUB-ORDER MYRICEÆ. *The Gale Tribe.*

Comptonia asplenifolia, Ait. Pine plains, Rome, and Oneida lake. May.

SUB-ORDER PLATANÆ. *The Plane Tribe.*

Platanus occidentalis, L. *Button-wood*. Banks of streams. May.

ORDER ULMACEÆ. *The Elm Tribe.*

Ulmus americana, L. *White Elm*. Low grounds. May.

— *fulva*, Michx. *Slippery Elm*. Banks of streams. May.

— *racemosa*, Thomas. *Ragged Elm*. Low grounds, Oriskany. May.

Celtis occidentalis, L. *Beaver-wood*. Near Oneida lake. May.

ORDER JUGLANDACEÆ. *The Walnut Tribe.*

Juglans cinerea, L. *Butternut*. Woods and banks of streams. May.

Carya tomentosa, Nuttall. *Hickory*. Woods. May.

— *amara*, Nutt. Woods and banks of streams. May.

CLASS II. GYMNOSPERMS.

ORDER CONIFERÆ. *The Fir Tribe.*

Pinus rigida, L. *Pitch Pine*. Sandy plains, Rome.

— *strobus*, L. *White Pine*. Swamps and rich soil.

Abies alba, Michx. *Single Spruce*. Oriskany swamp.

— *balsamea*, Mill. *Balsam Fir*. Near Oriskany, swamps.

— *canadensis*, Michx. *Hemlock*. Woods, hilly places.

— *pendula*, Pinus *pendula*, Ait. *Tamarack*. Deep swamps.

Thuja occidentalis, L. Oriskany, Rome, &c., swamps. Common.

SUB-ORDER TAXINEÆ.

Taxus canadensis, L. *Ground Hemlock*. Swamps. April, May.

CLASS III. ENDOGENS, OR MONOCOTYLEDONS.

ORDER AMARYLLIDACEÆ. *The Narcissus Tribe.*

Hypoxis erecta, L. Dry sandy or gravelly woods. May, July.

ORDER IRIDACEÆ. *The Iris Tribe.*

Sisyrinchium anceps, L. Meadows and pastures. July.

Iris versicolor, L. *Blue Flag*. Wet grounds. June, July.

ORDER HYDROCHARACEÆ. *The Frogbit Tribe.*

Valisneria spiralis, L. In shallow water, Oneida lake. August.

ORDER ORCHIDACEÆ. *The Orchis Tribe.*

- * *Habenaria orbiculata*, Torr. Woods. June, July.
 x — *hookeriana*, Torr. Woods on sandy plains. June.
 x — *dilatata*, Spreng. Swamps. July, August.
 x — *psycodes*, Gray. Damp shady places near Oneida lake.
 x — *tridentata*, Hooker. Swamps.
 ✓ *Orchis spectabilis*, L. Damp shady woods. May.
 ✓ *Microstylis brachypoda*, Gray. Oneida county. Dr. Gray.
 ✓ *Liparis liliifolia*, Rich. *Malaxis liliifolia*, Sw. Swamps, Verona. June.
 x — *lœseli*, Rich. Oneida county, Dr. Bradley.
 x *Aplectrum hyemale*, Nutt. Putty-root. Near Oriskany. Rare.
 ✓ *Corallorhiza verna*, Nutt. Swamps near Oriskany. May.
 x — *multiflora*, Nutt. Woods. August. Rare.
 ✓ *Arethusa bulbosa*, L. Oriskany swamp. June.
 ✓ *Pogonia ophioglossoides*, R. Br. Oriskany swamp. July.
 x — *verticillata*, Nutt. Sandy plains, Rome. Oriskany swamp.
 June.
 ✓ *Triphora pendula*, Nutt. Sandy plains, Rome. July. Rare.
 ✓ *Calopogon pulchellus*, R. Br. Grass Pink. Swamps. July.
 ✓ *Spiranthes tortilis*, Rich. Pine plains, Rome. July, August.
 x — *cernua*, Rich. Swamps and wet places. August.
 ✓ *Listera cordata*, R. Br. Cedar swamps, Oriskany. June.
 ✓ *Goodyera pubescens*, R. Br. Damp shady woods. July.
 ✓ *Cypripedium pubescens*, Willd. Moist shady woods. May.
 — *acaule*, Ait. Pine plains and shady woods. May.
 — *spectabile*, Sw. Swamps, Oriskany. July.
 — *arietinum*, Ait. Three or four specimens of this interesting species were found on the pine plains, Rome, some ten years since, by Dr. Douglas! and Dr. James Whaley! The plant has not been found since in this region, though diligently sought after.

ORDER PONTEDERIACEÆ.

- Pontederia cordata*, L. Pickerel-weed. In Oneida lake. July.
Schollera graminifolia, Muhl. In the Mohawk river. August.

ORDER MELANTHACEÆ. *The Colchicum Tribe.*

- Veratrum viride*, Ait. White Hellebore. Swamps. May.

ORDER TRILLIACEÆ. *The Trillium Tribe.*

- Trillium erythrocarpum*, Michx. Shady woods. May:
 — *erectum*, L. *T. atropurpureum*, Curt. Open woods. May.
 — Var. 1, *album*, Pursh. *T. pendulum*, Willd. Open woods.
 May.
 — *grandiflorum*, Salisb. Thickets and open woods. May.
Mediola virginica, L. Woods. June.

ORDER LILIACEÆ. *The Lily Tribe.*

- Lilium philadelphicum*, L. Pine plains, Rome. June.

- Lilium canadense*, L. Wet meadows. June, July.
 — *superbum*, L. Wet meadows. July.
Erythronium americanum, *Smith.* Open woods and damp meadows.
 April.
Allium vineale, L. *Wild Garlic.* Meadows near Utica. June, July.
 — *tricoccum*, *Ait.* Open woods. July.
Convallaria multiflora, L. River flats. May, June.
 — *bifolia*, L. Shady woods. May.
 — *stellata*, L. Banks of Fish creek. May, June.
 — *trifolia*, L. Sphagnous swamps, Oriskany, Verona. June.
 — *racemosa*, L. Banks of streams, in rich soil. June, July.
 — *borealis*. *Dracena borealis*, *Ait.* Borders of swamps.
 June.
Streptopus roseus, *Michx.* Swamps and moist shady places. June.
 — *amplexifolius*. Var *americanus*, *Gray.* Cedar swamp.
 July.
 — *lanuginosus*, *Michx.* About Oriskany, open woods. June.
Uvularia perfoliata, L. Open woods. May.
 — *sessilifolia*, L. Open woods. May.

ORDER ALISMACEÆ. *The Water Plantain Tribe.*

- Sagittaria sagittifolia*, L. Ponds and ditches. July, August.
 And varieties. Borders of ponds and lakes.
 August.
 — *pusilla*, *Nutt.* Borders of Oneida lake. June.
Alisma plantago, L. *Water Plantain.* In water, ditches, etc. Aug.

ORDER JUNCÆ. *The Rush Tribe.*

- Luzula campestris*, D. C. Meadows and old fields. April, May.
 — *pilosa*, *Willd.* Open woods, near Oneida lake. May.
Juncus effusus, L. Low wet grounds. June.
 — *nodosus*, L. Low grounds. June.
 — *acuminatus*, *Michx.* Wet places, etc. July.
 — *bufonius*, L. Road sides. July.

ORDER SMILACEÆ. *The Smilax Tribe.*

- Smilax rotundifolia*, L. Woods. June.
 — *herbacea*, L. Meadows and borders of woods. May, June.

ORDER ARACEÆ. *The Arum Tribe.*

- Arum dracontium*, L. *Dragon Arum.* Fish creek and Mohawk valley. June.
 — *triphyllum*, L. *Indian Turnip.* Moist places. May.
Peltandra virginica, *Raf.* Borders of ponds, and swamps. July.
Calla palustris, L. Swamps, Oriskany. July.
Symplocarpus fetida, *Nutt.* *Skunk Cabbage.* Low grounds. March.
Acorus calamus, L. *Sweet Flag.* Borders of Oneida lake. June.

ORDER TYPHACEÆ. *The Cat-tail Tribe.*

Typha latifolia, L. Borders of swamps. June, July.

— *angustifolia*, L. Wet places. July.

ORDER FLUVIALES. *The Pondweed Tribe.*

Potamogeton natans, L. Ponds and slow streams. July.

— *perfoliatus*, L. Ponds, etc. July.

— *gramineus*, Michx. Ponds. July, August.

And perhaps a few other species.

ORDER JUNCAGINACEÆ. *The Arrow-grass Tribe.*

Triglochin elatum, Nutt. Near Bridgewater. Dr. Gray.

Scheuchzeria palustris, L. In an elevated sphagnous swamp, Oriskany. July.

ORDER PISTIACEÆ. *The Duckweed Tribe.*

Lemna polyrrhiza, L. Ditches. July.

— *minor*, L. Stagnant water. July, August.

— *trisulca*, L. Ditches and ponds. July.

ORDER CYPERACEÆ. *The Sedge Tribe.*

Dulichium spathaceum, Richardson. Borders of ponds and Oneida lake. July, August.

Cyperus diandrus. Var. *castaneus*, Torrey. Wet pastures. August, September.

— *michauxianus*, Schultz. Wet borders of Oneida lake. July, August.

— *repens*, Elliott. Sandy shores of Oneida lake, banks of the Mohawk. August.

— *fliculmis*, Vahl. Old sandy fields, Oneida lake. August, September.

— *inflexus*, Muhl. Sandy shore of Oneida lake, at the water edge. August.

Eleocharis palustris, R. Br. Oneida lake. June.

— *intermedia*, Schultes. Wet places near Oriskany. Aug.

— *obtusata*, Schultes. Bogs and ditches. July. Very common.

— *acicularis*, R. Br. Borders of ponds and ditches. June. Not rare.

— *tenuis*, Schultes. Borders of sluggish streams. Rare.

Scirpus debilis, Pursh. Wet sandy shore of Oneida lake. August.

— *lacustris*, L. Borders of ponds and sluggish streams. June.

— *maritimus*, L. Var. *fluviatilis*, Torrey. Borders of Oneida lake. July.

— *triqueter*, L. Borders of Oneida lake. July, August.

— *atrovirens*, Muhl. Wet meadows. June.

— *erriophorum*, Michx. Wet meadows. June, July.

Eriophorum alpinum, L. Cotton-grass. Oriskany swamp. June. Rare.

— *vaginatum*, L. Deep sphagnous swamps, pine plains, Rome. June.

Eriophorum virginicum, L. Oriskany swamp, and other localities. July.

— *polystachyum*, L. Bogs and marshes. June. Dr. Gray!

— *angustifolium*, Richard. Elevated sphagnum swamp, near Oriskany. June. Dr. Gray!

— Var. *brevifolium*, Torrey. Near Utica. Dr. Gray!

Isolepis subsquarrosa, Schrader. Wet sandy shore, Oneida lake. August.

Rhynchospora alba, Vahl. Oriskany swamp. July.

Cladium mariscoides, Torrey. Oriskany swamp. July, August.

Scleria triglomerata, Michx. Dry sandy plains, Rome. July.

Carex chondrorhiza, Ehrh. Oriskany swamp. June.

— *disperma*, Dewey. Oriskany swamp. May, June.

— *rosea*, Schk. Low damp woods and wet meadows. May.

— *cephalophora*, Muhl. Mohawk valley. April, May.

— *sparganioides*, Muhl. Thickets on Mohawk flats. June.

— *stipata*, Muhl. Wet meadows. May.

— *bromoides*, Schk. Moist shady woods. May, June.

— *vulpinoidea*, Michx. C. multiflora, Muhl. Wet meadows. June.

— *paniculata*. Var. *teretiuscula*, Wahl. Oriskany swamp. May.

— *muhlenbergii*, Schk. Mohawk valley. May, June.

— *trisperma*, Dewey. Swamps near Oneida lake. June.

— *deweyana*, Schw. Shady thickets and woods. June.

— *tenuiflora*, Wahl. Oriskany swamp. June. Very rare.

— *stellulata*, Good. Swamps. May, June.

— *curta*, Good. Oriskany swamp. June.

— *scoparia*, Schk. Pastures and meadows. May, June.

— *lagopodioides*, Willd. Wet meadows. June.

— *festucacea*, Schk. Meadows. June.

— *cristata*, Schw. Meadows and swamps. June.

— *straminea*, Willd. Swamps. May, June.

— *aurea*, Nutt. Banks of Oriskany creek, Trenton falls. June.

— *saxatilis*, L. Oriskany swamp; transplanted from Mt. Marcy. June.

— *cæspitosa*, L.? Schk. Swamp near Oriskany. June.

— *acuta*, L.? Schk. Swamps. May, June.

— *crinita*, Lam. Swamps. May, June.

— *polytrichoides*, Muhl. Swamps. May, June.

— *pedunculata*, Muhl. Woods and hill sides. April, May.

— *triceps*, Michx. Damp places near Oneida lake. June.

— *virescens*, Muhl. Hill sides near Oriskany. June. Very rare.

— *gracillima*, Schreinitz. Damp shady woods. May, June.

— *davisii*, Torrey & Schw. Banks of the Mohawk, Oriskany, Utica. June.

— *pennsylvanica*, Lam. Dry borders of fields and sandy plains. June.

— Var. *muhlenbergii*, Gray. Dry shady woods. June.

— *pubescens*, Muhl. Banks of the Mohawk river, Utica. June.

— *striata*, Michx. Wet pasture near Oriskany. June. Mr. Vasey.

- Carex oligocarpa*, Schk. Borders of sandy plains, Rome. June.
 — *laxiflora*, Muhl. Mohawk flats, Rome, Utica. May, June.
 — *granularis*, Muhl. Banks of streams. May, June.
 — *eburnea*, Boott. Trenton falls. May, June.
 — *anceps*, Muhl. Woods, and banks of streams. May, June.
 — *plantaginea*, Lam. Shady ravines and woods. April, May.
 — *sylvatica*, Hudson. Borders of streams and open woods. June.
 — *debilis*, Michx. Borders of streams near Oneida lake. June.
 — *livida*, Willd. C. grayana, Dewey. Oriskany swamp. June.
 — *flava*, L. Wet, near Oriskany. Mr. Vasey! Trenton falls. June.
 — *folliculata*, L. Swamps about Oriskany and Oneida lake. June, July.
 — *intumescens*, Rudge. Wet woods and low meadows. June, July.
 — Var. *globularis*, Gray. Banks of the Mohawk. July.
 — *lupulina*, Muhl. Swamps, etc., river flats. July.
 — *tentaculata*, Muhl. Low wet places. June.
 — *retrorsa*, Schweinitz. Swamps and borders of marshes, Oriskany. June.
 — *oligosperma*, Michx. Deep sphagnous swamp, pine plains. June.
 — *bullata*, Schk. Swamps, Rome, Utica. June.
 — *physocarpa*, Boott. Water, Boonville. June.
 — *schweinitzii*, Dewey. Wet places near Oriskany. May, June.
 — *trichocarpa*, Muhl. Damp meadows, Oriskany. June.
 — *lacustris*, Willd. Oriskany swamp. June.
 — *scabrata*, Schw. Wet shady places. June.
 — *hystericina*, Muhl. Wet places. May, June.
 — *pseudo-cyperus*, L. Swamps and borders of ponds. May, June.
 — *longirostris*, Torrey. Banks of Fish creek, Vienna. June.
 — *limosa*, L. Oriskany swamp; cranberry marsh, Oneida lake. May, June.
 — Var. *irrigua*, Wahl. Oriskany swamp. May, June.
 — *flexilis*, Rudge. C. blephorophora, Gray. Fort Bull, near Rome. June.
 — *miliacea*, Muhl. Small streams in shady woods. May, June.
 — *pallescent*, L. Wet meadows on the Mohawk flats. May, June.
 — *umbellata*, Schk. Dry and sandy banks of streams. May.

ORDER GRAMINEÆ. *The Grass Tribe.*

- § *Agrostis stricta*, Willd. Sandy fields near Oneida lake. June.
 § — *polymorpha*, Hudson. Meadows and road sides. June, August.
 — *michauxii*, Trinius. Damp meadows. June, July.
Muhlenbergia mexicana, Trin. Wet grounds. August.
 — *sylvatica*, Torr. Banks of streams. August.
 — *glomerata*, Trin. Dry sandy plains and swamps. August, September.

Muhlenbergia cinna, *Trin.* Wet shady woods and swamps. August.
Alopecurus geniculatus, *L.* Fox-tail Grass.

— *Var. aristulatus*, *Torr.* Wood creek, near Fort Bull. June.

§ *Phleum pratense*, *L.* Timothy. Fields. June, August.

Phalaris arundinacea, *L.* Swamps and borders of streams. July.

§ — *picta*, *L.?* Ribbon Grass. About habitations. July.

Milium effusum, *L.* Oriskany swamp; banks of streams. June.

— *pungens*, *Torr.* Pine plains, Rome. April, June.

Oryzopsis asperifolia, *Michx.* Sandy plains and hilly woods. April, May.

§ *Panicum crus-galli*, *L.* Fields and road sides, and about houses August.

— *clandestinum*, *L.* Woods and thickets. July, August.

— *latifolium*, *L.* Woods and banks of streams. June.

— *dichotomum*, *L.* Sand plains and barren hills. June, August.

— *depauperatum*, *Muhl.* Sandy plains, Rome. June.

— *prolificum*, *Lam.* Borders of Oneida lake. September.

— *xanthophyllum*, *Grey.* Sandy plains, Rome. June.

— *capillare*, *L.* Cornfields. August, September.

§ *Setaria viridis*, *Palisot de Beauvois.* Cultivated fields. July.

§ — *glauca*, *P. de Beauv.* Fields and road sides. July.

§ *Digitaria sanguinalis*, *Scop.* Neglected gardens. July, September.

— *glabra*, *R. & S.* Sandy banks of Erie canal. August.

Calamagrostis canadensis, *P. de Beauv.* Overflowed grounds, Oriskany. August.

§ *Anthoxanthum odoratum*, *L.* Damp pastures, Oriskany. June, August.

Aira flexuosa, *L.* Dry sandy plains, Rome. June.

Trisetum purpurascens, *Torr.* Near Wood creek, and Holland patent. June.

Arundo phragmites, *L.* Oriskany swamp. August, September.

Danthonia spicata, *P. de Beauv.* Sandy plains and dry hill sides. July.

§ *Festuca pratensis*, *Hudson.* Meadows on flats. June.

— *nutans*, *Willd.* Shady borders of woods. June.

Glyceria fluitans, *R. Br.* Stagnant pond, Verona. June.

§ *Poa annua*, *L.* Fields and cultivated grounds. April, August.

— *dentata*, *Torr.* Wood creek, near New-London. June, July.

— *aquatica*, *L.* Wet meadows. July, August.

§ — *pratensis*, *L.* Meadows, road sides, etc. May, July.

— *nemoralis*, *L.* Shady woods. June, July.

— *nervata*, *Willd.* Wet meadows. June.

— *torreyana*, *Spreng.* Borders of swamps, etc. July.

— *canadensis*, *Torr.* Swamp near Oriskany. July.

— *repens*, *Michx.* Banks of Wood creek and Oneida creek. June.

§ — *eragrostis*, *L.* Sandy or gravelly places. Oriskany. Rare.

§ *Dactylis glomerata*, *L.* Orchard Grass. Fields and meadows. June.

- * *Koehleria truncata*, *Torr.* Damp places, woods and fields. June.
- § *Bromus secalinus*, *L.* *Chess.* Cultivated fields. June.
- *ciliatus*, *L.* Dry woods and banks of shady streams. June.
- *purgans*, *L.* Banks of the Mohawk and Fish creek. July.
- § *Secale cereale*, *L.* Old fields. June.
- Elymus virginicus*, *L.* River banks. July. Common.
- *canadensis*, *L.* River banks. July.
- *striatus*, *Willd.* Dry gravelly banks of streams. July.
- *hystrix*, *L.* Banks of the Mohawk, Oriskany. July.
- § *Triticum repens*, *L.* Borders of fields and cultivated grounds. July.
- Andropogon furcatus*, *Muhl.* Pine plains, Rome. August, Septem.
- *nutans*, *L.* Sandy plains, Rome. August, September.
- Leersia virginica*, *Willd.* Damp shady woods. Oriskany. Rare.
- *oryzoides*, *Swartz.* Ditches and swamps. August, Septem.
- Zizania aquatica*, *Lamb.* *Tuscarora Rice.* Borders of Oneida lake. July, August. Rare.

CLASS IV. ACROGENS.

ORDER EUISETACEÆ. *The Horse-tail Tribe.*

- Equisetum limosum*, *L.* Swamps and borders of ponds. June.
- *sylvaticum*, *L.* Damp shady woods. June.
- *hyemale*, *L.* Swamps and wet banks. June.
- *arvense*, *L.* Low grounds and banks of streams. April.
- *scirpoides*, *Michx.* Springy banks. April, September?

ORDER FILICES. *The Fern Tribe.*

SUB-ORDER POLYPODIACEÆ.

- Polypodium vulgare*, *L.* Rock woods and hill sides. July.
- *phegopteris*, *L.* Deep shady woods. July.
- *calcareum*, *Smith.* Cedar swamps, Rome and Whites-town. July.
- Aspidium acrostichoides*, *Willd.* Shady hill sides. June, August.
- *Var. incisum*, *Gray.* Near Hamilton college. Dr. Gray.
- *thelyptis*, *Swartz.* *A. noveboracense*, *Willd.* Open woods. July.
- *goldianum*, *Hooker.* Shady woods, and banks of Fish creek. July.
- *marginale*, *Sw.* Shady woods. July.
- *dilatatum*, *Sw.* Shady woods. July.
- *lancastricense*, *Sw.* Exsiccated swamps, Oriskany. July.
- Cystopteris fragilis*, *Bernhard.* Rocky banks of streams. June, July.
- *bulbifera*, *Bernh.* Rocky places, Trenton falls. July.
- Dicksonia pilotiuscula*, *Willd.* Barren woods and road sides. July.
- Asplenium angustifolium*, *Michx.* Shady woods, Oriskany. August.
- *trichomanes*, *L.* Wet rocks, Trenton falls. July.
- *thelypteroides*, *Michx.* Shady woods in rich soil. July.
- Pteris aquelina*, *L.* Woods and barren pastures. July.

- + *Cryptogramma gracile*. *Pteris gracilis*, *Michx.* Rocks, Trenton falls. July.
 * *Adiantum pedatum*, *L.* Shady woods. July, September.
 * *Struthiopteris germanica*, *Willd.* Banks of the Mohawk. July, Aug.
 * *Onoclea sensibilis*, *L.* Moist borders of woods. July.

SUB-ORDER OSMUNDEÆ.

- * *Osmunda claytoniana*, *L.* Damp low grounds. June, July.
 * — *cinnamomea*, *L.* Low grounds. July.
 * — *regalis*, *L.* Swamps. July, August.

SUB-ORDER OPHIOGLOSSEÆ.

- * *Botrychium fumarioides*, *Sw.* Moist woods. July, August.
 * — *virginicum*, *Sw.* Woods and hill sides. May, June.

ORDER LYCOPODIACEÆ. *The Club-moss Tribe.*

- * *Lycopodium clavatum*, *L.* Dry open woods. July.
 * — *complanatum*, *L.* Sandy plains and open woods. July.
 * — *obscurum*, *L.* Shady woods. July.
 * — *annotinum*, *L.* Shady woods. July.
 * — *lucidulum*, *Michx.* Shady damp woods. July, August.
 * — *apodum*, *L.* Sandy borders of swamps, Rome. August.

(§) This sign is prefixed to such species as are believed to be naturalized in the county.

(!) The point of exclamation placed after the name of a botanist, indicates that we have examined a specimen labelled by the author or collector cited.

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